

## **CLAIM AMENDMENTS**

1. (currently amended) A diagnostic method for *in vivo* detection of cancerous cells of the oral epithelium by selective marking of the mitochondria thereof, comprising the steps of (a) topically delivering contacting said oral epithelium containing cancerous cells in the locus of normal cells with a cationic supravital marking agent other than toluidine blue O and (b) detecting the retention of said agent by the mitochondria of cancer cells in vivo which have been marked by absorption of said agent in the mitochondria thereof.
2. (currently amended) A method for selective killing of oral epithelial cancer cells in the locus of normal cells of the oral epithelium comprising the step of contacting said cancer cells with a cationic supravital mitochondrial marking agent other than toluidine blue O.
3. (canceled)
4. (canceled)
5. (canceled)
- 6.(canceled)
7. (canceled)

**CLAIM AMENDMENTS – Continued**

8. (canceled)

9. (canceled)

10. (canceled)